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**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

30740/285902

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

107518182

INTERNATIONAL APPLICATION NO. PCT/GB03/02529	INTERNATIONAL FILING DATE 11 June 2003	PRIORITY DATE CLAIMED 18 June 2002
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TITLE OF INVENTION Display Driver Circuits

APPLICANT(S) FOR DO/EO/US Paul R. ROUTLEY and Euan C. SMITH

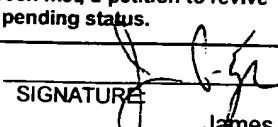
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information: International Search Report; return receipt postal card

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U.S. APPLICATION NO. (if known; see 37 CFR 1.5) 1032102		INTERNATIONAL APPLICATION NO. PCT/GB03/02529	ATTORNEY'S DOCKET NUMBER 30740/285902																				
21. The following fees are submitted:																							
<table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>a) Basic national fee</td> <td>\$300.00</td> <td>\$ 300.00</td> <td>FEES PAYABLE 132855</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee</td> <td>\$200.00</td> <td>\$ 200.00</td> <td>DEPOSIT ACCOUNT NO.</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee</td> <td>\$500.00</td> <td>\$ 500.00</td> <td>1632 500</td> </tr> <tr> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> <td>\$1000.00</td> <td>\$ 1,000.00</td> <td>1642400</td> </tr> </table>				<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	\$ 300.00	FEES PAYABLE 132855	<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	\$ 200.00	DEPOSIT ACCOUNT NO.	<input checked="" type="checkbox"/>	c) Search fee	\$500.00	\$ 500.00	1632 500	TOTAL OF ABOVE CALCULATIONS =		\$1000.00	\$ 1,000.00	1642400
<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	\$ 300.00	FEES PAYABLE 132855																			
<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	\$ 200.00	DEPOSIT ACCOUNT NO.																			
<input checked="" type="checkbox"/>	c) Search fee	\$500.00	\$ 500.00	1632 500																			
TOTAL OF ABOVE CALCULATIONS =		\$1000.00	\$ 1,000.00	1642400																			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																							
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																				
- 100 =	/50 =		x \$250.00																				
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).																							
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																				
Total claims	31 - 20 =	11	x 50.00	\$ 550.00																			
Independent claims	3 - 3 =	0	Adjustment date: 10/17/2005 WALVARAD 12/21/2004 GENEY1 00000054 10518182																				
MULTIPLE DEPENDENT CLAIM(s) (if applicable)		02 F1:1632		\$ -500.00 IP																			
TOTAL OF ABOVE CALCULATIONS =				\$ 1,550.00																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.																							
SUBTOTAL =				\$ 1,550.00																			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).																							
				+																			
TOTAL NATIONAL FEE =				\$ 1,550.00																			
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00																							
				WALVARAD 0010005800 Name/Number: 10518182																			
TOTAL FEES ENCLOSED =				\$ 100.00 CR																			
				\$ 1,550.00																			
				Amount to be refunded: \$ 1,550.00																			
				Amount to be charged: \$																			
a. <input checked="" type="checkbox"/> A check in the amount of \$ 1,550.00 to cover the above fees is enclosed.																							
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.																							
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2855. A duplicate copy of this sheet is enclosed.																							
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.																							
SEND ALL CORRESPONDENCE TO:																							
SIGNATURE  NAME James P. Zeller																							
CUSTOMER NUMBER: 04743																							
28,491																							
REGISTRATION NUMBER																							

0518182

DT01 Rec'd PCT/PTC ^{PATENT} 16 DEC 2004

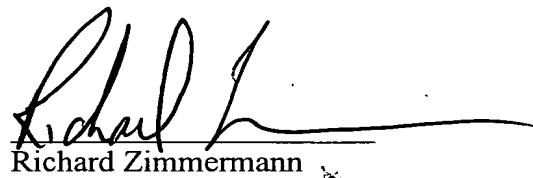
IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

Applicants: Routley et al.) For: DISPLAY DRIVER CIRCUITS
U.S. National Phase of)
PCT/GB03/02529 filed June 11, 2003) Group Art Unit: To be assigned
Filed: Herewith) Examiner: To be assigned
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)
)
)

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that the attached five items (a) through (e) are being deposited with the United States Postal Service on December 16, 2004, in a postage-paid envelope addressed to Commissioner for Patents, Mail Stop PCT, P.O. Box 1450, Alexandria, VA 22313-1450 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV323770892US.

- (a) Transmittal letter to the United States Designated/Elected Office (DO/EO/US) concerning a filing under 35 U.S.C. §371;
- (b) Application, including 30 sheets of description, five sheets of claims, and 10 sheets of drawings;
- (c) Preliminary Amendment;
- (d) Information Disclosure Statement; and
- (e) International Search Report.



Richard Zimmermann

10/518182
DT01 Rec'd PCT/PTC 16 DEC 2004

FEE SUMMARY SHEET

Transmittal to US Designated-Elected Office (PTO 1390)

Date:	December 16, 2004	Filing Date:	Concurrently Herewith
Time:	8:02 AM	Application No:	Not Yet Assigned
Docket:	30740/285902	Total Fee:	\$ 1,550.00

Code	Amount	37 CFR	Fee Description	Listed on
1631	300.00	1.492	Basic National Stage fee	Transmittal to US Designated-Elected Office (PTO 1390)
1632	500.00	1.492	National Stage search fee	Transmittal to US Designated-Elected Office (PTO 1390)
1633	200.00	1.492	National Stage examination fee	Transmittal to US Designated-Elected Office (PTO 1390)